

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.yy**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000040**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 10-Jan-2007**Location:** Shanghai, China

Submittals(New / Total): **CWR's:** 0 / 0 **HSR's:** 0 / 0 **NCR's:** 0 / 0

Item	Title	Detail
1	Major component movement	<p>Conducted welding of the following PQR test plates:</p> <p>1G Flux Core Arc Welding (FCAW) / Submerged Arc Welding (SAW) procedure identified as HP-2006117-2 on 60mm HPS 485W (non-standard joint due to ceramic backing). Welding is complete.</p> <p>1G Flux Core Arc Welding (FCAW) procedure identified as HP-2006116 on 60mm HPS 485W (non-standard joint due to ceramic backing). Welding is complete.</p> <p>1G Flux Core Arc Welding (FCAW) procedure identified as HP-2006128 on 75mm A709-345 (non-standard joint due to 20mm root). Welding is not complete and will continue Wednesday, 1-10-07.</p> <p>2F Flux Core Arc Welding (FCAW) procedure identified as HP-2006126 on 26mm HPS 485W fillet welds. Welding is complete.</p> <p>1F Submerged Arc Welding (SAW) procedure identified as HP-2006139 on 26mm A709-345 fillet welds. Welding was performed on the single pass fillet weld; however, the measured throat was only 6mm. They were intending to weld a 10mm fillet weld. ZPMC to discuss and possibly change procedure.</p>
2	Key conversations	<p>ZPMC Testing Center Director Mr. Liu Liu informed QA that the Radiography for one of the 75mm PQR's was performed incorrectly due to the placement of the Image Quality Indicator (IQI). Mr. Liu Liu asked if this was "OK" and if they could proceed. QA informed Mr. Liu Liu that the RT film must meet the code requirements.</p>
3	Quality Assurance Inspectors per shift	<p>3 AM 0 PM</p>

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Inspected By: McClary,David

Quality Assurance Inspector

Reviewed By: Lowry,Patrick

QA Reviewer
